

**GMI Science Team Meeting
Jan. 11-13, 2006
Georgia Institute of Technology**

Wednesday, Jan. 11

8:30 – 9:00 AM	Registration	
9:00 – 9:15 AM	Welcome/Summary	Rodriguez
9:15 – 9:35 AM	Sensitivity of polar ozone change to VPSC as a function of chlorine amount	R. Stolarski
9:35 – 9:50 AM	Analysis of the Extratropical UT/LS in the GEOS-4-AGCM Combo model using SPURT aircraft data	S. Strahan
9:50 -10:30 AM	Evaluation of simulations with analyzed and forecast meteorological fields	B. Duncan
10:30-10:45 AM	Coffee Break	
10:45-11:00 AM	Variations in STE with climate change	D. Shindell
11:00-11:15 AM	Evaluation of ozone simulations in COMBO model	D. Considine
11:15-12:00 AM	Evaluation of tropospheric and COMBO models	J. Logan Rodriguez
12:00-12:20 PM	Radionuclide simulations with the new GFDL atmosphere model AM2	H. Liu
12:20-1:30 PM	Lunch	

1:30-1:50 PM	Comparison of default and convection-based lightning in the GMI model	D. Allen/ Pickering
1:50-2:10 PM	The riddles of acetaldehyde and PAN overestimation in the GMI and in a broader INTEX-NA simulation Set: Meteorological simulation really matters in the tropospheric NO_y budget, but so does mechanism?	Chatfield
2:10-2:30 PM	The Swift Neurological Acceleration of Atmospheric Photochemistry and Aerosol Calculations [SNAPA]: Development and Application to Atmospheric Chemistry and Aerosol Simulations with a Focus on UT/LS Ozone	D. Lary
2:30-2:45 PM	New chemical mechanism for GMI	Considine
2:45-3:00 PM	Analysis of IPCC/ACCENT CO simulations	D. Shindell
3:00-3:15 PM	Evaluation of model simulated source contributions to tropospheric ozone with aircraft observations on the factor projected space	C. Shim
3:15-3:30 PM	Simulations and inverse modeling of global methyl chloride	Y. Yoshida
3:30-3:45 PM	Coffee Break	

3:45-4:05 PM	Long-range transport simulations with GMI	D. Jacob
4:05-4:25 PM	Long-range transport studies/ fire emissions from MODIS	M. Chin
4:25-4:40 PM	Future GMI COMBO simulations, TES comparions	J. Logan
4:40-4:55 PM	Modeling of short-lived Compounds in GMI	Weisenstein
4:55-5:05 PM	Modeling of sort-lived Compounds in GMI	Considine
5:05 PM	Adjourn	

Thursday, Jan. 12

8:30 – 9:00 AM	Microphysical modeling, chemical mechanisms and secondary aerosols in GMI	J. Penner
9:00 – 9:10 AM	Aerosol simulations for GMI	M. Chin
9:10 – 9:25 AM	2-D aerosol simulations/ Comparison	Weisenstein
9:25 – 9:55 AM	Tropospheric CCN Simulations in the GISS GCM and in GEOS-CHEM using the TwO-Moment Aerosol Sectional (TOMAS) microphysics	P. Adams
9:55 – 10:10 AM	Coffee Break	
10:10-10:30 AM	Aerosol Indirect Climatic Effect Assessments using the NASA Global Modeling Initiative	Meskhidze

10:30-10:45 AM	Aerosol-cloud interactions: what's next for GMI	A. Nenes
10:45-11:05 AM	Fractional cloud cover – A new Approach for J values	M. Prather J. Neu J. Penner
11:05 – 11:15 AM	MERRA Activities	Rodriguez
11:15-12 N	Discussion – set up Working groups	Rodriguez
12N – 1:15 PM	Lunch	
1:15 – 5 PM	Working groups ESMF Session	Clune
5 PM	Adjourn	

Note: Steering Committee will meet at 5 PM.

Friday, Jan. 13

8:30-10 AM	Report from Working groups	
10:00-10:15 AM	Coffee Break	
10:15-12 N	Discussion on\ GMI and GEOS-5 Future plans Special session at AGU? Next meeting – Workshop On deposition processes?	Rodriguez
12 N	Adjourn	